

3D DISPLAY DEVICES WITH TRANSIENT LIGHT  
SCATTERING SHUTTERS

Abstract of the Disclosure

5 A transient light scattering shutter is  
provided that switches very quickly from an optically  
transparent state to a strongly light scattering state  
and vice versa by varying a voltage across the shutter.  
Multi-surface optical devices and multiplanar  
volumetric systems using a plurality of such transient  
10 light scattering shutters are also provided. These  
devices and systems generate high quality  
three-dimensional images that are viewable without  
special eyewear or headgear.

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